

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
00-0000	Total, All Occupations	582,010	624,660	5,780	12,790	18,570	0.7
11-0000	Management Occupations	36,540	38,120	180	785	965	0.4
11-1000	Top Executives	12,910	12,780	0	320	320	-0.1
11-1011	Chief Executives	3,110	3,090	0	85	85	-0.1
11-1021	General and Operations Managers	9,660	9,560	0	235	235	-0.1
11-1031	Legislators	150	140	0	5	5	-0.3
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sa Advertising and Promotions	3,080	3,450	35	70	105	1.1
11-2011	Managers	330	330	0	5	5	-0.1
11-2021	Marketing Managers	870	1,080	20	20	40	2.1
11-2022	Sales Managers	1,710	1,860	15	40	55	0.8
11-2031	Public Relations Managers	170	190	0	5	5	1.3
11-3000	Operations Specialties Managers	7,490	8,080	60	145	205	0.8
11-3011	Administrative Services Managers Computer and Information Systems	1,430	1,500	5	40	45	0.5
11-3021	Managers	950	1,130	20	15	35	1.7
11-3031	Financial Managers	2,620	2,710	10	40	45	0.4
11-3040	Human Resources Managers	800	890	10	0	10	1.1
11-3051	Industrial Production Managers	480	520	5	15	20	0.8
11-3061	Purchasing Managers	280	290	0	10	10	0.6
11-3071	Transportation, Storage, and Distribution Managers	940	1,040	10	30	40	1.0
11-9000	Other Management Occupations Farm, Ranch, and Other Agricultural	13,060	13,810	80	255	335	0.6
11-9011	Managers	330	440	10	0	15	2.9
11-9021	Construction Managers	1,810	1,810	0	30	30	0.0
11-9031	Education Administrators, Preschool and Child Care Center/Pr	290	280	0	10	10	-0.6
11-9032	Education Administrators, Elementary and Secondary School	690	740	5	20	25	0.8
11-9033	Education Administrators, Postsecondary	410	410	0	10	10	0.1
11-9039	Education Administrators, All Other	70	80	0	0	5	1.1
11-9041	Engineering Managers	480	490	0	10	10	0.4
11-9051	Food Service Managers	1,810	1,980	20	45	60	0.9
11-9061	Funeral Directors	80	30	0	0	0	-7.9
11-9081	Lodging Managers	140	140	0	5	5	-0.2
11-9111	Medical and Health Services Managers	840	970	15	15	30	1.4
11-9121	Natural Sciences Managers	60	80	0	0	5	2.6

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	Postmasters and Mail						
11-9131	Superintendents	20	20	0	0	0	-0.9
11-9141	Property, Real Estate, and Community Association Managers	1,960	2,100	15	25	40	0.7
11-9151	Social and Community Service Managers	610	710	10	10	20	1.6
11-9199	Managers, All Other	3,470	3,520	5	70	75	0.1
13-0000	Business and Financial Operations Occupations	24,180	27,900	415	385	800	1.4
13-1000	Business Operations Specialists	14,600	17,440	290	215	505	1.8
13-1011	Agents and Business Managers of Artists, Performers, and Ath	50	60	0	0	5	3.0
13-1021	Purchasing Agents and Buyers, Farm Products	30	10	0	0	0	-6.4
13-1022	Wholesale and Retail Buyers, Except Farm Products	440	410	0	10	10	-0.7
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Produc	800	860	5	15	25	0.8
13-1031	Claims Adjusters, Examiners, and Investigators	520	560	5	15	15	0.7
13-1032	Insurance Appraisers, Auto Damage Compliance Officers, Except	20	20	0	0	0	0.6
13-1041	Agriculture, Construction, Healt	940	920	0	10	10	-0.3
13-1051	Cost Estimators	610	690	10	10	20	1.3
13-1061	Emergency Management Specialists	10	10	0	0	0	2.0
13-1071	Employment, Recruitment, and Placement Specialists	700	830	15	15	30	1.8
13-1072	Compensation, Benefits, and Job Analysis Specialists	350	420	5	10	15	1.8
13-1073	Training and Development Specialists	870	1,000	15	20	35	1.5
13-1111	Management Analysts	1,330	1,410	10	25	30	0.6
13-1121	Meeting and Convention Planners	120	130	0	5	5	0.6
13-1199	Business Operations Specialists, All Other	7,820	10,110	230	85	310	2.6
13-2000	Financial Specialists	9,590	10,470	125	170	295	0.9
13-2011	Accountants and Auditors	4,510	5,360	85	80	165	1.7
13-2021	Appraisers and Assessors of Real Estate	300	280	0	5	5	-0.8
13-2031	Budget Analysts	180	190	0	5	5	0.5
13-2041	Credit Analysts	170	160	0	5	5	-0.5
13-2051	Financial Analysts	720	1,010	30	5	35	3.5

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13-2052	Personal Financial Advisors	300	330	5	5	5	0.9
13-2071	Loan Counselors	180	180	0	0	0	-0.1
13-2072	Loan Officers	1,020	770	0	10	10	-2.7
	Tax Examiners, Collectors, and						
13-2081	Revenue Agents	1,020	920	0	25	25	-1.0
13-2082	Tax Preparers	310	340	5	5	10	1.1
13-2099	Financial Specialists, All Other	550	580	5	15	20	0.4
	Computer and Mathematical						
15-0000	Occupations	10,390	12,980	265	240	505	2.2
15-1000	Computer Specialists	10,080	12,640	260	230	495	2.3
	Computer and Information Scientists,						
15-1011	Research	30	40	0	0	0	1.5
15-1021	Computer Programmers	2,520	2,690	15	55	70	0.6
	Computer Software Engineers,						
15-1031	Applications	570	820	25	10	35	3.8
	Computer Software Engineers,						
15-1032	Systems Software	1,040	1,600	55	15	70	4.4
15-1041	Computer Support Specialists	2,130	2,480	35	65	100	1.5
15-1051	Computer Systems Analysts	1,260	1,680	40	35	75	2.9
15-1061	Database Administrators	200	290	10	0	10	3.5
	Network and Computer Systems						
15-1071	Administrators	1,250	1,650	40	30	70	2.8
	Network Systems and Data						
15-1081	Communications Analysts	590	950	35	10	50	5.0
15-1099	Computer Specialists, All Other	490	440	0	15	15	-1.0
15-2000	Mathematical Scientists	310	340	0	10	10	0.7
15-2011	Actuaries	100	110	0	5	5	1.3
15-2031	Operations Research Analysts	140	140	0	5	5	0.5
	Architecture and Engineering						
17-0000	Occupations	5,740	5,960	65	120	185	0.4
	Architects, Surveyors, and						
17-1000	Cartographers	420	360	0	10	10	-1.7
	Architects, Except Landscape and						
17-1011	Naval	220	180	0	5	5	-2.2
17-1012	Landscape Architects	50	40	0	0	0	-1.3
	Cartographers and						
17-1021	Photogrammetrists	10	10	0	0	0	-1.7
17-1022	Surveyors	140	130	0	5	5	-1.0
17-2000	Engineers	3,250	3,750	55	70	125	1.4
17-2011	Aerospace Engineers	70	80	0	0	0	1.6
17-2031	Biomedical Engineers	160	230	10	5	10	4.0
17-2041	Chemical Engineers	90	90	0	0	0	-0.2
17-2051	Civil Engineers	430	370	0	10	10	-1.5
17-2061	Computer Hardware Engineers	30	30	0	0	0	-0.7
17-2071	Electrical Engineers	400	400	0	10	10	0.0

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	Electronics Engineers, Except						
17-2072	Computer	440	670	25	10	35	4.3
17-2081	Environmental Engineers	80	110	5	0	5	3.1
	Health and Safety Engineers, Except						
17-2111	Mining Safety Engineers	60	60	0	0	0	0.8
17-2112	Industrial Engineers	400	580	20	10	30	3.8
	Marine Engineers and Naval						
17-2121	Architects	20	20	0	0	0	-1.1
17-2141	Mechanical Engineers	320	330	0	5	10	0.3
	Mining and Geological Engineers,						
17-2151	Including Mining Safety Eng	10	10	0	0	0	-1.7
17-2171	Petroleum Engineers	10	10	0	0	0	2.9
17-2199	Engineers, All Other	690	720	5	10	10	0.4
	Drafters, Engineering, and Mapping						
17-3000	Technicians	2,060	1,850	5	45	50	-1.1
17-3011	Architectural and Civil Drafters	480	340	0	15	15	-3.5
17-3012	Electrical and Electronics Drafters	90	110	0	5	5	1.9
17-3013	Mechanical Drafters	130	120	0	5	5	-1.4
	Aerospace Engineering and						
17-3021	Operations Technicians	190	190	0	5	5	0.2
17-3022	Civil Engineering Technicians	150	140	0	5	5	-0.9
	Electrical and Electronic Engineering						
17-3023	Technicians	390	340	0	10	10	-1.4
17-3024	Electro-Mechanical Technicians	30	40	0	0	0	2.5
	Environmental Engineering						
17-3025	Technicians	130	140	0	5	5	0.6
17-3026	Industrial Engineering Technicians	60	90	5	0	5	3.6
17-3027	Mechanical Engineering Technicians	100	80	0	0	0	-2.3
17-3031	Surveying and Mapping Technicians	130	110	0	5	5	-1.8
	Drafters, Engineering, and Mapping						
17-3099	Technicians, All Other (O	180	170	0	0	0	-0.4
	Life, Physical, and Social Science						
19-0000	Occupations	2,420	2,720	30	55	85	1.2
19-1000	Life Scientists	210	220	0	5	5	0.5
19-1010	Agricultural and Food Scientists	90	100	0	0	0	1.0
19-1021	Biochemists and Biophysicists	40	40	0	0	0	0.0
19-1022	Microbiologists	10	10	0	0	0	0.0
19-1031	Conservation Scientists	10	10	0	0	0	0.0
19-1032	Foresters	10	10	0	0	0	0.0
	Medical Scientists, Except						
19-1042	Epidemiologists	10	20	0	0	0	3.2
19-1099	Life Scientists, All Other	50	40	0	0	0	-0.4
19-2000	Physical Scientists	400	430	5	10	15	0.8

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19-2012	Physicists	20	20	0	0	0	-1.5
19-2031	Chemists	150	170	0	5	5	1.3
19-2032	Materials Scientists	20	20	0	0	0	-3.4
19-2041	Environmental Scientists and Specialists, Including Health Geoscientists, Except Hydrologists	70	100	0	0	5	2.6
19-2042	and Geographers	90	90	0	0	5	0.6
19-3000	Social Scientists and Related Workers	1,220	1,340	15	20	35	1.0
19-3011	Economists	20	20	0	0	0	1.6
19-3021	Market Research Analysts	270	310	5	0	5	1.3
19-3022	Survey Researchers	10	10	0	0	0	6.2
19-3031	Clinical, Counseling, and School Psychologists	720	790	5	10	20	1.0
19-3032	Industrial-Organizational Psychologists	10	10	0	0	0	0.0
19-3051	Urban and Regional Planners	60	60	0	0	0	0.5
19-3091	Anthropologists and Archeologists	10	20	0	0	0	3.5
19-3099	Social Scientists and Related Workers, All Other	120	120	0	5	5	-0.4
19-4000	Life, Physical, and Social Science Technicians	600	730	15	20	35	2.0
19-4011	Agricultural and Food Science Technicians	40	40	0	0	0	-0.2
19-4021	Biological Technicians	70	80	0	5	5	0.1
19-4031	Chemical Technicians	190	210	0	5	10	1.0
19-4091	Environmental Science and Protection Technicians, Including	130	200	5	5	10	4.0
19-4092	Forensic Science Technicians	50	60	0	0	5	2.4
19-4099	Life, Physical, and Social Science Technicians, All Other	100	130	5	5	5	2.8
21-0000	Community and Social Services Occupations	7,510	8,910	140	120	260	1.7
21-1000	Counselors, Social Workers, and Other Community and Social S	4,090	4,890	80	75	155	1.8
21-1011	Substance Abuse and Behavioral Disorder Counselors	160	240	10	5	10	4.1
21-1012	Educational, Vocational, and School Counselors	490	530	5	10	15	0.8
21-1013	Marriage and Family Therapists	40	40	0	0	0	1.5
21-1014	Mental Health Counselors	490	710	20	10	30	3.8
21-1015	Rehabilitation Counselors	160	210	5	5	10	3.1
21-1021	Child, Family, and School Social Workers	890	900	0	20	20	0.1

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21-1022	Medical and Public Health Social Workers	500	580	10	10	20	1.5
21-1023	Mental Health and Substance Abuse Social Workers	240	300	5	5	10	2.3
21-1091	Health Educators	180	240	5	0	10	2.7
21-1092	Probation Officers and Correctional Treatment Specialists	430	460	5	5	10	0.9
21-1093	Social and Human Service Assistants	520	670	15	5	20	2.6
21-2000	Religious Workers	2,920	3,450	55	50	100	1.7
21-2011	Clergy	1,950	2,290	35	25	60	1.7
21-2021	Directors, Religious Activities and Education	970	1,150	20	20	40	1.8
21-9000	Miscellaneous Counselors, Social, & Religious Workers	500	570	5	0	5	1.3
21-9099	Counselors, Social, and Religious Workers, All Other (OES On	500	570	5	0	5	1.3
23-0000	Legal Occupations	3,660	4,100	50	65	110	1.2
23-1000	Lawyers, Judges, and Related Workers	2,570	2,850	30	50	75	1.0
23-1011	Lawyers	2,390	2,670	30	45	75	1.1
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officer	90	90	0	0	0	-0.3
23-1022	Arbitrators, Mediators, and Conciliators	40	40	0	0	0	0.8
23-1023	Judges, Magistrate Judges, and Magistrates	50	50	0	0	0	0.8
23-2000	Legal Support Workers	1,010	1,190	20	15	35	1.6
23-2011	Paralegals and Legal Assistants	660	820	15	10	25	2.2
23-2091	Court Reporters	80	100	5	0	5	3.3
23-2092	Law Clerks	100	100	0	0	0	-0.2
23-2093	Title Examiners, Abstractors, and Searchers	180	160	0	5	5	-1.1
23-9000	Miscellaneous Legal & Related Workers	70	70	0	0	0	-0.6
23-9099	Legal and Related Workers, All Other (OES Only)	70	70	0	0	0	-0.6
25-0000	Education, Training, and Library Occupations	27,300	29,780	260	565	825	0.9
25-1000	Postsecondary Teachers	4,370	4,870	50	75	120	1.1
25-1011	Business Teachers, Postsecondary	160	190	5	5	5	1.5
25-1021	Computer Science Teachers, Postsecondary	40	40	0	0	0	1.0

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25-1022	Mathematical Science Teachers, Postsecondary	200	230	5	5	5	1.3
25-1032	Engineering Teachers, Postsecondary	110	130	0	0	5	1.2
25-1042	Biological Science Teachers, Postsecondary	160	180	0	5	5	1.2
25-1052	Chemistry Teachers, Postsecondary	60	60	0	0	0	0.8
25-1054	Physics Teachers, Postsecondary	30	30	0	0	0	1.0
25-1061	Anthropology and Archeology Teachers, Postsecondary	20	20	0	0	0	0.5
25-1063	Economics Teachers, Postsecondary	40	40	0	0	0	1.0
25-1065	Political Science Teachers, Postsecondary	50	50	0	0	0	0.4
25-1066	Psychology Teachers, Postsecondary	180	190	0	5	5	0.8
25-1067	Sociology Teachers, Postsecondary	40	50	0	0	0	1.1
25-1071	Health Specialties Teachers, Postsecondary	1,260	1,350	10	20	30	0.7
25-1072	Nursing Instructors and Teachers, Postsecondary	120	140	5	0	5	2.1
25-1081	Education Teachers, Postsecondary	200	220	0	5	5	0.9
25-1082	Library Science Teachers, Postsecondary	40	40	0	0	0	0.3
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0	0	0.6
25-1112	Law Teachers, Postsecondary	50	50	0	0	0	0.6
25-1113	Social Work Teachers, Postsecondary	20	20	0	0	0	0.6
25-1121	Art, Drama, and Music Teachers, Postsecondary	310	330	0	5	5	0.7
25-1122	Communications Teachers, Postsecondary	60	70	0	0	0	0.8
25-1123	English Language and Literature Teachers, Postsecondary	210	240	5	5	5	1.1
25-1124	Foreign Language and Literature Teachers, Postsecondary	90	100	0	0	5	0.7
25-1125	History Teachers, Postsecondary	110	120	0	0	5	0.6
25-1126	Philosophy and Religion Teachers, Postsecondary	120	130	0	0	5	0.7
25-1191	Graduate Teaching Assistants	180	190	0	5	5	0.4

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	Recreation and Fitness Studies						
25-1193	Teachers, Postsecondary	40	40	0	0	0	1.2
25-1194	Vocational Education Teachers, Postsecondary	420	540	10	5	20	2.5
25-1199	Postsecondary Teachers, All Other	50	60	0	0	0	2.6
25-2000	Primary, Secondary, and Special Education School Teachers	16,570	18,010	155	385	540	0.8
25-2011	Preschool Teachers, Except Special Education	2,090	1,980	0	35	35	-0.5
25-2012	Kindergarten Teachers, Except Special Education	670	770	10	10	20	1.5
25-2021	Elementary School Teachers, Except Special Education	5,650	6,430	75	125	200	1.3
25-2031	Secondary School Teachers, Except Special and Vocational Edu	4,740	5,010	25	140	170	0.6
25-2032	Vocational Education Teachers, Secondary School	100	110	0	5	5	0.7
25-2041	Special Education Teachers, Preschool, Kindergarten, and Ele	670	790	10	15	25	1.6
25-2042	Special Education Teachers, Middle School	130	150	0	5	5	1.5
25-2043	Special Education Teachers, Secondary School	1,090	1,180	10	25	35	0.8
25-3000	Other Teachers and Instructors	1,050	1,220	15	5	25	1.5
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Ins	80	90	0	0	0	1.0
25-3021	Self-Enrichment Education Teachers	530	630	10	5	15	1.7
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only	440	510	5	0	5	1.4
25-4000	Librarians, Curators, and Archivists	950	990	5	30	35	0.4
25-4010	Archivists, Curators, and Museum Technicians	20	30	0	0	0	2.0
25-4021	Librarians	610	620	0	15	20	0.2
25-4031	Library Technicians	320	330	0	15	15	0.5
25-9000	Other Education, Training, and Library Occupations	4,360	4,700	35	70	105	0.8
25-9011	Audio-Visual Collections Specialists	10	10	0	0	0	-1.5
25-9021	Farm and Home Management Advisors	10	10	0	0	0	-1.3
25-9031	Instructional Coordinators	420	500	10	5	15	1.9
25-9041	Teacher Assistants	3,820	4,070	25	60	90	0.6

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25-9199	Library, Museum, Training, and Other Education Workers, All	110	120	0	0	0	0.5
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	6,970	7,410	65	155	225	0.6
27-1000	Art and Design Workers	2,560	2,690	25	65	90	0.5
27-1011	Art Directors	330	280	0	10	10	-1.7
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrator	80	170	10	0	10	7.3
27-1014	Multi-Media Artists and Animators	90	90	0	0	0	0.0
27-1021	Commercial and Industrial Designers	180	230	5	5	10	2.6
27-1022	Fashion Designers	30	30	0	0	0	-2.4
27-1023	Floral Designers	490	570	10	15	20	1.4
27-1024	Graphic Designers	830	840	0	20	25	0.1
27-1025	Interior Designers	220	200	0	5	5	-1.1
27-1026	Merchandise Displayers and Window Trimmers	260	240	0	5	5	-0.5
27-1027	Set and Exhibit Designers	20	30	0	0	0	2.2
27-1099	Art and Design Workers, All Other (OES Only)	30	20	0	0	0	-0.8
27-2000	Entertainers and Performers, Sports and Related Workers	1,990	2,200	25	50	75	1.0
27-2011	Actors	70	120	5	0	5	5.0
27-2012	Producers and Directors	200	200	0	5	5	0.5
27-2021	Athletes and Sports Competitors	100	120	0	5	5	1.6
27-2022	Coaches and Scouts	250	240	0	5	5	-0.4
27-2023	Umpires, Referees, and Other Sports Officials	90	150	5	0	10	5.4
27-2031	Dancers	60	80	0	5	5	2.8
27-2032	Choreographers	30	10	0	0	0	-7.8
27-2041	Music Directors and Composers	290	310	0	5	10	0.6
27-2042	Musicians and Singers	800	790	0	15	15	-0.1
27-2099	Entertainers and Performers, Sports and Related Workers, All	100	180	5	5	10	5.5
27-3000	Media and Communication Workers	1,780	1,850	15	25	40	0.4
27-3010	Announcers	260	250	0	0	0	-0.5
27-3020	News Analysts, Reporters and Correspondents	150	110	0	0	0	-2.8
27-3031	Public Relations Specialists	480	570	10	5	15	1.8
27-3041	Editors	300	320	0	10	10	0.6
27-3042	Technical Writers	100	100	0	5	5	0.1
27-3043	Writers and Authors	410	400	0	5	5	-0.2
27-3091	Interpreters and Translators	40	50	0	0	0	1.6

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
27-3099	Media and Communication Workers, All Other	50	60	0	0	0	1.7
27-4000	Media and Communication Equipment Workers	640	670	5	15	25	0.6
27-4011	Audio and Video Equipment Technicians	160	220	5	5	10	3.2
27-4012	Broadcast Technicians	60	50	0	0	0	-0.4
27-4014	Sound Engineering Technicians	20	20	0	0	0	-1.2
27-4021	Photographers	260	230	0	5	5	-1.3
27-4031	Camera Operators, Television, Video, and Motion Picture	50	50	0	0	0	0.4
27-4032	Film and Video Editors	50	60	0	0	0	0.9
27-4099	Media and Communication Equipment Workers, All Other	40	50	0	0	0	1.6
29-0000	Healthcare Practitioners and Technical Occupations	31,740	39,150	755	590	1,340	2.1
29-1000	Health Diagnosing and Treating Practitioners	18,650	23,010	450	305	755	2.1
29-1011	Chiropractors	50	40	0	0	0	-0.9
29-1020	Dentists	290	330	5	0	5	1.1
29-1031	Dietitians and Nutritionists	200	210	0	5	5	0.3
29-1041	Optometrists	110	110	0	0	0	-0.3
29-1051	Pharmacists	1,410	2,180	75	25	100	4.5
29-1061	Anesthesiologists	110	120	0	0	5	0.4
29-1062	Family and General Practitioners	160	170	0	5	5	0.1
29-1063	Internists, General	200	200	0	5	5	-0.4
29-1064	Obstetricians and Gynecologists	40	40	0	0	0	0.3
29-1065	Pediatricians, General	190	180	0	5	5	-0.3
29-1066	Psychiatrists	30	40	0	0	0	3.3
29-1067	Surgeons	140	140	0	5	5	-0.3
29-1069	Physicians and Surgeons, All Other	2,220	2,130	0	40	40	-0.4
29-1071	Physician Assistants	110	130	5	0	5	2.2
29-1081	Podiatrists	20	20	0	0	0	-1.2
29-1111	Registered Nurses	11,030	14,210	320	180	500	2.6
29-1121	Audiologists	40	50	0	0	0	0.9
29-1122	Occupational Therapists	370	460	10	5	15	2.1
29-1123	Physical Therapists	780	940	15	10	25	1.9
29-1124	Radiation Therapists	50	60	0	0	5	3.0
29-1125	Recreational Therapists	160	170	0	0	5	0.3
29-1126	Respiratory Therapists	420	540	10	5	20	2.6
29-1127	Speech-Language Pathologists	260	290	0	5	5	0.8
29-1129	Therapists, All Other	10	0	0	0	0	-6.7
29-1131	Veterinarians	170	190	0	5	5	1.0

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
29-1199	Health Diagnosing and Treating Practitioners, All Other	100	100	0	0	0	-0.1
29-2000	Health Technologists and Technicians	12,390	15,370	300	280	580	2.2
29-2011	Medical and Clinical Laboratory Technologists	990	1,110	10	15	25	1.2
29-2012	Medical and Clinical Laboratory Technicians	990	1,100	10	15	25	1.1
29-2021	Dental Hygienists	470	560	10	10	20	1.9
29-2031	Cardiovascular Technologists and Technicians	290	390	10	5	15	2.9
29-2032	Diagnostic Medical Sonographers	250	290	5	5	5	1.6
29-2033	Nuclear Medicine Technologists	120	140	0	0	5	1.8
29-2034	Radiologic Technologists and Technicians	1,150	1,340	20	15	35	1.5
29-2041	Emergency Medical Technicians and Paramedics	890	1,020	15	10	25	1.4
29-2051	Dietetic Technicians	100	100	0	5	5	0.2
29-2052	Pharmacy Technicians	1,660	2,920	125	50	175	5.8
29-2053	Psychiatric Technicians	310	450	15	10	25	3.9
29-2054	Respiratory Therapy Technicians	140	140	0	5	5	0.4
29-2055	Surgical Technologists	650	830	20	20	40	2.4
29-2056	Veterinary Technologists and Technicians	200	240	5	5	10	1.7
29-2061	Licensed Practical and Licensed Vocational Nurses	3,420	3,850	45	95	135	1.2
29-2071	Medical Records and Health Information Technicians	550	600	5	15	20	0.9
29-2081	Opticians, Dispensing	150	180	5	5	10	1.9
29-2091	Orthotists and Prosthetists	60	100	5	0	5	4.8
29-9000	Other Healthcare Practitioners and Technical Occupations	150	160	0	0	0	0.8
29-9010	Occupational Health and Safety Specialists and Technicians	90	100	0	0	0	1.0
29-9091	Athletic Trainers	50	60	0	0	0	0.5
29-9100	Other Health Practitioners And Technical Workers	550	610	5	0	5	1.1
29-9199	Health Professionals and Technicians, All Other (OES Only)	550	610	5	0	5	1.1
31-0000	Healthcare Support Occupations	14,200	17,040	290	150	440	1.8
31-1000	Nursing, Psychiatric, and Home Health Aides	8,060	10,040	200	70	270	2.2
31-1011	Home Health Aides	1,830	2,480	65	15	80	3.1
31-1012	Nursing Aides, Orderlies, and Attendants	6,120	7,400	130	55	185	1.9

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
31-1013	Psychiatric Aides	120	170	5	0	5	3.7
	Occupational and Physical Therapist						
31-2000	Assistants and Aides	490	590	10	5	15	1.8
31-2011	Occupational Therapist Assistants	20	20	0	0	0	1.5
31-2012	Occupational Therapist Aides	20	20	0	0	0	0.5
31-2021	Physical Therapist Assistants	300	370	5	5	10	2.2
31-2022	Physical Therapist Aides	160	180	0	0	5	1.2
	Other Healthcare Support						
31-9000	Occupations	5,640	6,410	80	75	155	1.3
31-9011	Massage Therapists	570	530	0	5	5	-0.6
31-9091	Dental Assistants	770	910	15	15	30	1.7
31-9092	Medical Assistants	2,460	3,000	55	30	85	2.0
31-9093	Medical Equipment Preparers	80	90	0	0	0	1.3
31-9094	Medical Transcriptionists	450	500	5	5	10	0.9
31-9095	Pharmacy Aides	220	220	0	5	5	0.1
	Veterinary Assistants and Laboratory						
31-9096	Animal Caretakers	250	240	0	5	5	-0.4
	Healthcare Support Workers, All						
31-9099	Other	850	910	5	10	20	0.8
33-0000	Protective Service Occupations	16,840	18,730	190	415	605	1.1
	First-Line Supervisors/Managers,						
33-1000	Protective Service Workers	780	850	5	20	25	0.8
	First-Line Supervisors/Managers of						
33-1012	Police and Detectives	270	280	0	10	10	0.4
	First-Line Supervisors/Managers,						
33-1099	Protective Service Workers,	270	310	5	5	10	1.4
33-2000	Fire Fighting and Prevention Workers	1,230	1,350	15	45	55	1.0
33-2011	Fire Fighters	1,190	1,310	10	45	55	1.0
33-3000	Law Enforcement Workers	5,730	6,170	45	140	185	0.7
33-3012	Correctional Officers and Jailers	2,450	2,640	20	55	75	0.7
33-3021	Detectives and Criminal Investigators	230	250	0	5	5	0.8
33-3031	Fish and Game Wardens	10	10	0	0	0	0.0
33-3041	Parking Enforcement Workers	40	40	0	0	0	0.6
33-3051	Police and Sheriff's Patrol Officers	2,970	3,210	25	80	105	0.8
33-9000	Other Protective Service Workers	9,110	10,360	125	205	330	1.3
33-9011	Animal Control Workers	50	50	0	0	0	0.8
33-9021	Private Detectives and Investigators	20	20	0	0	0	-0.5
33-9032	Security Guards	8,340	9,570	125	170	290	1.4
33-9091	Crossing Guards	350	340	0	10	10	-0.3
33-9099	Protective Service Workers, All Other	340	370	5	25	30	0.7
	Food Preparation and Serving						
35-0000	Related Occupations	41,420	45,620	720	1,320	2,040	1.0

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
35-1000	Supervisors, Food Preparation and Serving Workers	3,800	4,450	65	30	100	1.6
35-1011	Chefs and Head Cooks	390	370	0	5	5	-0.5
35-1012	First-Line Supervisors/Managers of Food Preparation and Serv	3,400	4,070	65	25	95	1.8
35-2000	Cooks and Food Preparation Workers	11,500	12,650	175	335	510	1.0
35-2011	Cooks, Fast Food	3,400	4,530	115	90	205	2.9
35-2012	Cooks, Institution and Cafeteria	1,640	1,720	10	45	50	0.5
35-2013	Cooks, Private Household	20	10	0	0	0	-2.5
35-2014	Cooks, Restaurant	2,780	2,180	0	75	75	-2.4
35-2015	Cooks, Short Order	810	980	15	20	40	2.0
35-2021	Food Preparation Workers	2,860	3,220	35	100	135	1.2
35-3000	Food and Beverage Serving Workers	21,910	25,000	475	745	1,220	1.3
35-3011	Bartenders	1,070	940	0	40	40	-1.3
35-3021	Combined Food Preparation and Serving Workers, Including Fas Counter Attendants, Cafeteria, Food	11,870	16,620	475	225	700	3.4
35-3022	Concession, and Coffee S	750	750	0	50	50	-0.1
35-3031	Waiters and Waitresses	7,770	6,240	0	420	420	-2.2
35-3041	Food Servers, Nonrestaurant	450	450	0	5	5	0.0
35-9000	Other Food Preparation and Serving Related Workers	4,220	3,510	0	210	210	-1.8
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,080	930	0	45	45	-1.6
35-9021	Dishwashers	1,600	1,340	0	65	65	-1.8
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,320	1,060	0	90	90	-2.2
35-9099	Food Preparation and Serving Related Workers, All Other	210	190	0	10	10	-0.9
37-0000	Building and Grounds Cleaning and Maintenance Occupations	20,250	20,280	65	365	430	0.0
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance W	2,470	2,530	5	30	35	0.2
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitori	1,510	1,500	0	20	20	-0.1
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service	960	1,030	5	5	15	0.7
37-2000	Building Cleaning and Pest Control Workers	17,030	16,960	55	325	380	0.0
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaner	10,300	10,840	55	195	250	0.5
37-2012	Maids and Housekeeping Cleaners	6,280	5,700	0	120	120	-1.0
37-2021	Pest Control Workers	440	430	0	10	10	-0.3

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
37-3000	Grounds Maintenance Workers	740	790	5	10	15	0.7
	Pesticide Handlers, Sprayers, and						
37-3012	Applicators, Vegetation	470	490	0	5	10	0.4
37-3013	Tree Trimmers and Pruners	160	150	0	0	0	-0.6
	Building and Grounds Cleaning and						
37-9099	Maintenance Workers, All O	110	160	5	0	5	3.4
	Personal Care and Service						
39-0000	Occupations	16,250	16,050	140	400	535	-0.1
	Supervisors, Personal Care and						
39-1000	Service Workers	350	390	5	10	10	0.9
39-1011	Gaming Supervisors	20	20	0	0	0	0.6
	First-Line Supervisors/Managers of						
39-1021	Personal Service Workers	340	370	5	5	10	1.0
39-2000	Animal Care and Service Workers	280	310	0	5	5	0.7
39-2011	Animal Trainers	20	30	0	0	0	5.7
39-2021	Nonfarm Animal Caretakers	270	280	0	5	5	0.4
	Entertainment Attendants and						
39-3000	Related Workers	1,680	1,810	15	85	100	0.7
39-3021	Motion Picture Projectionists	80	50	0	5	5	-5.6
	Amusement and Recreation						
39-3091	Attendants	930	1,040	10	45	55	1.2
	Locker Room, Coatroom, and						
39-3093	Dressing Room Attendants	90	110	0	5	5	2.1
	Gaming Workers, All Other (OES						
39-3199	Only)	160	160	0	0	0	-0.4
39-4000	Funeral Service Workers	110	50	0	5	5	-7.9
39-4021	Funeral Attendants	110	50	0	5	5	-7.9
39-5000	Personal Appearance Workers	2,200	1,550	0	25	25	-3.4
	Hairdressers, Hairstylists, and						
39-5012	Cosmetologists	1,800	1,230	0	20	20	-3.7
39-5092	Manicurists and Pedicurists	200	180	0	0	0	-0.9
39-5093	Shampooers	140	90	0	0	0	-4.6
39-5094	Skin Care Specialists	70	60	0	0	0	-1.4
	Transportation, Tourism, and Lodging						
39-6000	Attendants	1,510	1,380	0	25	25	-0.9
39-6011	Baggage Porters and Bellhops	510	440	0	5	5	-1.4
39-6012	Concierges	50	50	0	0	0	-0.6
39-6021	Tour Guides and Escorts	60	30	0	5	5	-6.1
	Transportation Attendants, Except						
39-6032	Flight Attendants and Baggage	100	80	0	0	0	-1.7
	Other Personal Care and Service						
39-9000	Workers	10,110	10,560	115	250	365	0.4
39-9011	Child Care Workers	5,930	5,240	0	170	170	-1.2
39-9021	Personal and Home Care Aides	2,510	3,490	100	45	140	3.4

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Fitness Trainers and Aerobics						
39-9031	Instructors	240	250	0	5	5	0.3
39-9032	Recreation Workers	800	860	5	15	20	0.7
39-9041	Residential Advisors	430	530	10	10	20	2.1
39-9099	Personal Care and Service Workers, All Other	200	190	0	5	5	-0.6
41-0000	Sales and Related Occupations	59,230	60,580	215	1,785	1,995	0.2
41-1000	Supervisors, Sales Workers	10,110	10,090	5	200	205	0.0
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	8,250	8,300	5	175	180	0.1
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,860	1,790	0	25	25	-0.4
41-2000	Retail Sales Workers	34,980	35,710	115	1,295	1,410	0.2
41-2011	Cashiers	14,270	14,480	20	680	700	0.1
41-2021	Counter and Rental Clerks	2,220	2,080	0	85	85	-0.7
41-2022	Parts Salespersons	1,960	1,670	0	20	20	-1.6
41-2031	Retail Salespersons	16,530	17,480	95	510	605	0.6
41-3000	Sales Representatives, Services	3,120	3,220	20	70	90	0.3
41-3011	Advertising Sales Agents	450	410	0	10	10	-1.0
41-3021	Insurance Sales Agents	1,230	1,190	0	25	25	-0.3
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,320	1,540	20	35	55	1.6
41-3041	Travel Agents	130	80	0	0	0	-4.6
41-4000	Sales Representatives, Wholesale and Manufacturing	7,070	7,610	55	155	210	0.7
41-4011	Sales Representatives, Wholesale and Manufacturing, Technica	1,880	2,290	40	40	85	2.0
41-4012	Sales Representatives, Wholesale and Manufacturing, Except T	5,190	5,320	15	115	130	0.2
41-9000	Other Sales and Related Workers	3,950	3,960	15	65	80	0.0
41-9011	Demonstrators and Product Promoters	310	260	0	10	10	-1.8
41-9021	Real Estate Brokers	330	370	5	5	10	1.2
41-9022	Real Estate Sales Agents	430	440	0	5	10	0.3
41-9041	Telemarketers	490	430	0	15	15	-1.2
41-9099	Sales and Related Workers, All Other Office and Administrative Support	2,050	2,160	10	20	30	0.5
43-0000	Occupations	100,630	104,030	590	2,085	2,680	0.3
43-1000	Supervisors, Office and Administrative Support Workers	6,150	6,370	20	125	150	0.3
43-1011	First-Line Supervisors/Managers of Office and Administrative Communications Equipment	6,150	6,370	20	125	150	0.3
43-2000	Operators	840	690	0	15	15	-2.1

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Switchboard Operators, Including						
43-2011	Answering Service	780	660	0	15	15	-1.7
43-2021	Telephone Operators	50	10	0	0	0	-13.8
	Communications Equipment						
43-2099	Operators, All Other	10	10	0	0	0	2.7
43-3000	Financial Clerks	13,630	14,120	90	250	340	0.4
43-3011	Bill and Account Collectors	2,620	2,910	30	40	70	1.1
	Billing and Posting Clerks and						
43-3021	Machine Operators	1,640	1,680	5	20	25	0.2
	Bookkeeping, Accounting, and						
43-3031	Auditing Clerks	6,890	7,450	55	110	165	0.8
43-3051	Payroll and Timekeeping Clerks	1,090	1,090	0	30	30	0.0
43-3061	Procurement Clerks	230	190	0	5	5	-1.9
43-3071	Tellers	1,150	800	0	50	50	-3.6
43-4000	Information and Record Clerks	24,210	25,340	215	585	800	0.5
43-4011	Brokerage Clerks	180	210	5	5	10	1.7
43-4021	Correspondence Clerks	140	120	0	5	5	-1.6
43-4031	Court, Municipal, and License Clerks	520	560	5	10	15	0.8
	Credit Authorizers, Checkers, and						
43-4041	Clerks	270	220	0	10	10	-2.2
43-4051	Customer Service Representatives	10,830	12,510	170	300	470	1.5
	Eligibility Interviewers, Government						
43-4061	Programs	1,100	1,070	0	20	20	-0.2
43-4071	File Clerks	610	350	0	15	15	-5.5
43-4081	Hotel, Motel, and Resort Desk Clerks	760	740	0	30	30	-0.3
	Interviewers, Except Eligibility and						
43-4111	Loan	1,080	1,220	15	30	40	1.3
43-4121	Library Assistants, Clerical	180	170	0	5	5	-0.3
43-4131	Loan Interviewers and Clerks	680	510	0	10	10	-2.8
43-4141	New Accounts Clerks	100	60	0	5	5	-5.7
43-4151	Order Clerks	790	490	0	15	15	-4.7
	Human Resources Assistants, Except						
43-4161	Payroll and Timekeeping	930	970	5	5	10	0.4
43-4171	Receptionists and Information Clerks	3,710	3,910	20	90	110	0.5
	Reservation and Transportation						
43-4181	Ticket Agents and Travel Cler	1,170	1,090	0	25	25	-0.8
	Financial, Information, and Record						
43-4999	Clerks, All Other (OES On	1,170	1,150	0	0	0	-0.1
	Material Recording, Scheduling,						
43-5000	Dispatching, and Distributin	23,500	23,540	55	565	620	0.0
43-5011	Cargo and Freight Agents	1,650	1,840	20	45	65	1.1
43-5021	Couriers and Messengers	300	280	0	10	10	-0.9

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Police, Fire, and Ambulance						
43-5031	Dispatchers	360	390	5	10	10	0.9
43-5032	Dispatchers, Except Police, Fire, and Ambulance	970	1,040	5	25	30	0.7
43-5041	Meter Readers, Utilities	230	240	0	5	10	0.5
43-5051	Postal Service Clerks	280	260	0	5	5	-0.7
43-5052	Postal Service Mail Carriers	1,120	1,040	0	35	35	-0.7
43-5053	Postal Service Mail Sorters, Processors, and Processing Machinery	1,390	1,170	0	15	15	-1.7
43-5061	Clerks	1,360	1,450	10	35	45	0.6
43-5071	Clerks	7,190	7,360	15	170	190	0.2
43-5081	Stock Clerks and Order Fillers	8,170	8,040	0	195	195	-0.2
43-5111	Samplers, Recordkeeping	480	440	0	15	15	-0.9
43-6000	Secretaries and Administrative Assistants	14,910	15,770	100	235	335	0.6
43-6011	Executive Secretaries and Administrative Assistants	6,440	7,100	65	105	170	1.0
43-6012	Legal Secretaries	870	990	10	15	25	1.3
43-6013	Medical Secretaries	1,570	1,780	20	25	45	1.2
43-6014	Secretaries, Except Legal, Medical, and Executive	6,020	5,910	0	95	95	-0.2
43-9000	Other Office and Administrative Support Workers	17,390	18,200	115	305	420	0.5
43-9011	Computer Operators	590	470	0	10	10	-2.1
43-9021	Data Entry Keyers	2,010	2,300	30	50	80	1.4
43-9022	Word Processors and Typists	180	140	0	5	5	-2.6
43-9031	Desktop Publishers	230	230	0	5	5	-0.4
43-9041	Insurance Claims and Policy Processing Clerks	340	350	0	5	5	0.3
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	500	400	0	15	15	-2.2
43-9061	Office Clerks, General	10,720	11,550	85	195	280	0.7
43-9071	Office Machine Operators, Except Computer	600	610	0	20	20	0.1
43-9081	Proofreaders and Copy Markers	120	80	0	0	0	-3.7
43-9111	Statistical Assistants	10	10	0	0	0	1.0
43-9999	Secretaries, Administrative Assistants, and Other Office Support	2,080	2,060	0	0	0	-0.1
45-0000	Farming, Fishing, and Forestry Occupations	1,920	2,140	35	45	75	1.1
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	90	120	5	0	5	3.2

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
	First-Line Supervisors/Managers of						
45-1011	Farming, Fishing, and For	90	120	5	0	5	3.2
45-2000	Agricultural Workers	1,770	1,960	30	40	70	1.0
45-2011	Agricultural Inspectors	180	220	5	5	10	2.2
45-2041	Graders and Sorters, Agricultural						
45-2041	Products	290	250	0	5	5	-1.5
45-2091	Agricultural Equipment Operators	90	110	0	0	5	2.1
45-2092	Farmworkers and Laborers, Crop,						
45-2092	Nursery, and Greenhouse	970	1,200	25	25	45	2.1
45-2093	Farmworkers, Farm and Ranch						
45-2093	Animals	240	180	0	5	5	-2.9
45-4000	Forest, Conservation, and Logging						
45-4000	Workers	20	20	0	0	0	0.9
45-4011	Forest and Conservation Workers	20	20	0	0	0	2.3
45-4023	Log Graders and Scalers	10	0	0	0	0	-4.0
45-9000	Other Farming, Fishing, and Forestry						
45-9000	Workers	20	20	0	0	0	1.3
45-9099	Farming, Fishing, and Forestry						
45-9099	Workers, All Other (OES Only)	20	20	0	0	0	1.3
47-0000	Construction and Extraction						
47-0000	Occupations	22,690	26,800	415	400	815	1.7
47-1000	Supervisors, Construction and						
47-1000	Extraction Workers	1,830	1,900	5	25	35	0.4
47-1011	First-Line Supervisors/Managers of						
47-1011	Construction Trades and E	1,830	1,900	5	25	35	0.4
47-2000	Construction Trades Workers	18,210	21,540	335	315	650	1.7
47-2011	Boilermakers	30	20	0	0	0	-3.2
47-2021	Brickmasons and Blockmasons	350	430	5	5	15	1.9
47-2022	Stonemasons	10	10	0	0	0	0.0
47-2031	Carpenters	3,070	3,100	5	40	45	0.1
47-2041	Carpet Installers	90	100	0	0	0	0.9
47-2042	Floor Layers, Except Carpet, Wood,						
47-2042	and Hard Tiles	20	20	0	0	0	-1.5
47-2043	Floor Sanders and Finishers	240	260	0	5	5	0.8
47-2044	Tile and Marble Setters	360	460	10	5	15	2.3
47-2051	Cement Masons and Concrete						
47-2051	Finishers	540	650	10	15	25	1.8
47-2061	Construction Laborers	3,650	4,410	75	30	105	1.9
47-2071	Paving, Surfacing, and Tamping						
47-2071	Equipment Operators	260	370	10	5	15	3.5
47-2073	Operating Engineers and Other						
47-2073	Construction Equipment Operato	910	1,240	35	20	50	3.1
47-2081	Drywall and Ceiling Tile Installers	240	280	5	5	5	1.7
47-2082	Tapers	20	20	0	0	0	1.4
47-2111	Electricians	2,900	3,590	70	75	145	2.2

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
47-2121	Glaziers	230	270	5	5	10	1.5
47-2130	Insulation Workers	180	220	5	0	5	1.7
47-2141	Painters, Construction and Maintenance	1,920	2,190	30	35	60	1.4
47-2142	Paperhangers	10	0	0	0	0	-5.0
47-2151	Pipelayers	580	690	10	10	25	1.7
47-2152	Plumbers, Pipefitters, and Steamfitters	1,570	2,000	45	30	75	2.4
47-2161	Plasterers and Stucco Masons	10	10	0	0	0	-0.7
47-2181	Roofers	350	460	10	10	20	2.7
47-2211	Sheet Metal Workers	470	560	10	10	20	1.7
47-2221	Structural Iron and Steel Workers	180	190	0	5	5	0.7
47-3000	Helpers, Construction Trades	1,770	2,200	45	45	90	2.2
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and	50	60	0	0	0	0.9
47-3012	Helpers--Carpenters	230	270	5	5	10	1.8
47-3013	Helpers--Electricians	580	730	15	15	30	2.4
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Maso	40	40	0	0	0	0.7
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	650	810	15	15	35	2.3
47-3016	Helpers--Roofers	110	130	0	5	5	1.3
47-3019	Helpers, Construction Trades, All Other	120	160	5	5	5	2.9
47-4000	Other Construction and Related Workers	730	990	25	15	40	3.0
47-4011	Construction and Building Inspectors	140	140	0	5	5	-0.1
47-4031	Fence Erectors	10	10	0	0	0	1.2
47-4041	Hazardous Materials Removal Workers	150	280	15	5	15	6.2
47-4051	Highway Maintenance Workers	130	190	5	0	10	3.7
47-4061	Rail-Track Laying and Maintenance Equipment Operators	40	30	0	0	0	-1.1
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	70	100	5	0	5	3.1
47-4900	All Other Construction Trades and Related Workers	90	120	5	0	5	3.2
47-4999	Construction Trades and Related Workers, All Other (OES Only)	90	120	5	0	5	3.2
47-5000	Extraction Workers	60	50	0	0	5	-1.6
47-5012	Rotary Drill Operators, Oil and Gas	10	10	0	0	0	-7.4
47-5021	Earth Drillers, Except Oil and Gas	30	20	0	0	0	-4.0

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
49-0000	Installation, Maintenance, and Repair Occupations	22,730	23,030	140	350	490	0.1
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	1,810	1,840	5	45	45	0.1
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and	1,810	1,840	5	45	45	0.1
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and	2,710	2,630	10	55	65	-0.3
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,140	1,180	5	15	15	0.3
49-2022	Telecommunications Equipment Installers and Repairers, Except	540	410	0	15	15	-2.6
49-2092	Electric Motor, Power Tool, and Related Repairers	180	130	0	5	5	-2.8
49-2094	Electrical and Electronics Repairers, Commercial and Industrial	420	490	5	15	20	1.5
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicle	110	110	0	5	5	0.0
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	90	80	0	0	0	-1.0
49-2098	Security and Fire Alarm Systems Installers	90	100	0	0	5	1.7
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	7,730	7,300	25	145	175	-0.6
49-3011	Aircraft Mechanics and Service Technicians	1,690	1,650	0	15	15	-0.2
49-3021	Automotive Body and Related Repairers	920	680	0	20	20	-2.9
49-3022	Automotive Glass Installers and Repairers	200	130	0	5	5	-4.1
49-3023	Automotive Service Technicians and Mechanics	2,100	1,790	0	40	40	-1.6
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,480	1,590	10	30	45	0.7
49-3041	Farm Equipment Mechanics	110	100	0	0	0	-0.9
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	470	580	10	10	20	2.2
49-3043	Rail Car Repairers	50	40	0	0	0	-0.9
49-3051	Motorboat Mechanics	10	10	0	0	0	1.2
49-3052	Motorcycle Mechanics	80	70	0	0	0	-2.2
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	180	200	0	5	5	0.8
49-3092	Recreational Vehicle Service Technicians	50	40	0	0	0	-2.8
49-3093	Tire Repairers and Changers	400	430	5	10	10	0.7

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
	Other Installation, Maintenance, and						
49-9000	Repair Occupations	10,480	11,250	100	105	205	0.7
49-9011	Mechanical Door Repairers	30	30	0	0	0	2.3
49-9012	Control and Valve Installers and Repairers, Except Mechanica	30	30	0	0	0	-0.3
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and I	740	910	15	15	30	2.0
49-9031	Home Appliance Repairers	420	470	5	10	15	1.1
49-9041	Industrial Machinery Mechanics	780	880	10	15	25	1.2
49-9042	Maintenance and Repair Workers, General	5,480	6,050	55	15	70	1.0
49-9043	Maintenance Workers, Machinery	270	280	0	5	5	0.6
49-9044	Millwrights	100	110	0	0	0	0.6
49-9051	Electrical Power-Line Installers and Repairers	160	110	0	5	5	-3.6
49-9052	Telecommunications Line Installers and Repairers	130	50	0	5	5	-9.5
49-9062	Medical Equipment Repairers	120	160	5	5	5	2.9
49-9063	Musical Instrument Repairers and Tuners	20	20	0	0	0	-2.8
49-9069	Precision Instrument and Equipment Repairers, All Other	70	50	0	0	0	-2.6
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	220	180	0	5	5	-1.8
49-9094	Locksmiths and Safe Repairers	100	120	0	0	5	2.0
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0	0	2.8
49-9097	Signal and Track Switch Repairers	20	10	0	0	0	-1.9
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,040	1,040	0	25	25	0.0
49-9099	Installation, Maintenance, and Repair Workers, All Other	730	710	0	5	5	-0.4
51-0000	Production Occupations	40,200	42,840	455	795	1,250	0.6
51-1000	Supervisors, Production Workers	2,070	2,100	0	35	35	0.1
51-1011	First-Line Supervisors/Managers of Production and Operating	2,070	2,100	0	35	35	0.1
51-2000	Assemblers and Fabricators	11,130	12,720	160	225	390	1.3
51-2021	Coil Winders, Tapers, and Finishers	10	0	0	0	0	-4.0
51-2022	Electrical and Electronic Equipment Assemblers	1,230	1,400	15	20	40	1.3
51-2023	Electromechanical Equipment Assemblers	80	80	0	0	0	0.2
51-2041	Structural Metal Fabricators and Fitters	250	250	0	5	5	-0.2

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
	Fiberglass Laminators and						
51-2091	Fabricators	50	30	0	0	0	-3.9
51-2092	Team Assemblers	6,800	7,870	105	140	250	1.5
	Timing Device Assemblers,						
51-2093	Adjusters, and Calibrators	20	30	0	0	0	2.0
	Assemblers and Fabricators, All						
51-2099	Other	2,050	2,310	25	45	70	1.2
51-3000	Food Processing Workers	1,190	1,120	0	30	30	-0.6
51-3011	Bakers	250	240	0	5	5	-0.2
51-3021	Butchers and Meat Cutters	320	290	0	10	10	-1.2
	Meat, Poultry, and Fish Cutters and						
51-3022	Trimmers	20	20	0	0	0	-3.6
51-3092	Food Batchmakers	540	550	0	15	15	0.0
	Food Cooking Machine Operators						
51-3093	and Tenders	30	20	0	0	0	-2.5
51-4000	Metal Workers and Plastic Workers	5,840	6,750	105	110	215	1.5
	Computer-Controlled Machine Tool						
51-4011	Operators, Metal and Plasti	240	350	10	5	15	3.7
	Extruding and Drawing Machine						
51-4021	Setters, Operators, and Tender	30	30	0	0	0	-2.0
	Rolling Machine Setters, Operators,						
51-4023	and Tenders, Metal and P	110	110	0	0	5	0.6
	Cutting, Punching, and Press						
51-4031	Machine Setters, Operators, and	1,420	1,570	15	35	50	1.1
	Grinding, Lapping, Polishing, and						
51-4033	Buffing Machine Tool Sette	230	270	5	0	5	1.9
	Lathe and Turning Machine Tool						
51-4034	Setters, Operators, and Tende	220	270	5	5	10	2.0
51-4041	Machinists	980	1,270	30	15	45	2.6
51-4061	Model Makers, Metal and Plastic	10	10	0	0	0	2.9
51-4062	Patternmakers, Metal and Plastic	20	30	0	0	0	4.5
51-4071	Foundry Mold and Coremakers	20	10	0	0	0	-6.3
	Molding, Coremaking, and Casting						
51-4072	Machine Setters, Operators,	200	170	0	5	5	-1.7
51-4111	Tool and Die Makers	280	340	5	5	10	1.8
	Welders, Cutters, Solderers, and						
51-4121	Brazers	1,270	1,530	25	25	55	1.9
	Welding, Soldering, and Brazing						
51-4122	Machine Setters, Operators,	80	130	5	0	5	4.7
	Plating and Coating Machine Setters,						
51-4193	Operators, and Tenders,	40	30	0	0	0	-3.2
51-4194	Tool Grinders, Filers, and Sharpeners	70	60	0	0	0	-1.0

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
	Metal Workers and Plastic Workers,						
51-4199	All Other	110	90	0	0	0	-1.9
51-5000	Printing Workers	1,860	1,370	0	30	30	-3.0
51-5011	Bindery Workers	320	200	0	5	5	-4.7
51-5021	Job Printers	300	200	0	5	5	-3.9
51-5022	Prepress Technicians and Workers	480	350	0	10	10	-3.0
51-5023	Printing Machine Operators	770	620	0	15	15	-2.1
	Textile, Apparel, and Furnishings						
51-6000	Workers	3,030	2,580	10	45	55	-1.6
51-6011	Laundry and Dry-Cleaning Workers	810	630	0	20	20	-2.5
	Pressers, Textile, Garment, and						
51-6021	Related Materials	750	500	0	5	5	-4.0
51-6031	Sewing Machine Operators	600	690	10	5	15	1.4
51-6051	Sewers, Hand	240	240	0	5	5	-0.2
	Tailors, Dressmakers, and Custom						
51-6052	Sewers	350	310	0	5	5	-1.0
51-6093	Upholsterers	220	160	0	5	5	-3.2
	Textile, Apparel, and Furnishings						
51-6099	Workers, All Other	10	10	0	0	0	-3.3
51-7000	Woodworkers	810	640	0	20	20	-2.3
	Cabinetmakers and Bench						
51-7011	Carpenters	260	260	0	10	10	0.2
	Sawing Machine Setters, Operators,						
51-7041	and Tenders, Wood	70	60	0	0	0	-2.6
	Woodworking Machine Setters,						
51-7042	Operators, and Tenders, Except	180	140	0	5	5	-2.5
51-7099	Woodworkers, All Other	200	130	0	5	5	-4.3
51-8000	Plant and System Operators	670	800	15	15	30	1.8
51-8013	Power Plant Operators	50	40	0	0	0	-0.9
	Stationary Engineers and Boiler						
51-8021	Operators	130	150	0	0	5	1.4
	Water and Liquid Waste Treatment						
51-8031	Plant and System Operators	270	330	5	5	10	2.0
	Chemical Plant and System						
51-8091	Operators	140	140	0	5	5	0.1
51-8092	Gas Plant Operators	10	10	0	0	0	2.7
	Petroleum Pump System Operators,						
51-8093	Refinery Operators, and Gau	20	20	0	0	0	-0.5
	Plant and System Operators, All						
51-8099	Other	60	110	5	0	5	7.1
51-9000	Other Production Occupations	13,590	14,760	165	275	440	0.8
	Chemical Equipment Operators and						
51-9011	Tenders	670	530	0	15	15	-2.4

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still	260	210	0	5	5	-2.4
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators	90	50	0	0	0	-5.0
51-9022	Grinding and Polishing Workers, Hand	60	60	0	0	0	0.2
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	650	580	0	10	10	-1.1
51-9031	Cutters and Trimmers, Hand	170	320	15	5	20	6.4
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	410	370	0	5	5	-1.0
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters	90	100	0	0	5	0.7
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	80	90	0	0	5	1.6
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,760	1,910	15	25	40	0.8
51-9071	Jewelers and Precious Stone and Metal Workers	40	50	0	0	0	3.1
51-9081	Dental Laboratory Technicians	100	110	0	0	5	0.7
51-9082	Medical Appliance Technicians	20	30	0	0	0	4.1
51-9083	Ophthalmic Laboratory Technicians	150	210	5	5	10	3.5
51-9111	Packaging and Filling Machine Operators and Tenders	2,030	2,130	10	40	50	0.5
51-9121	Coating, Painting, and Spraying Machine Setters, Operators,	360	330	0	5	5	-0.8
51-9122	Painters, Transportation Equipment	110	70	0	0	0	-3.9
51-9123	Painting, Coating, and Decorating Workers	60	60	0	0	0	-1.2
51-9131	Photographic Process Workers	20	10	0	0	0	-5.6
51-9132	Photographic Processing Machine Operators	80	30	0	5	5	-8.7
51-9191	Cementing and Gluing Machine Operators and Tenders	60	60	0	0	0	-0.8
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators an	40	30	0	0	0	-3.6
51-9194	Etchers and Engravers	30	30	0	0	0	-1.5
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	260	310	5	5	10	1.7
51-9196	Paper Goods Machine Setters, Operators, and Tenders	360	360	0	10	10	0.1
51-9198	Helpers--Production Workers	3,240	3,820	60	80	140	1.7
51-9199	Production Workers, All Other	2,350	2,850	50	50	100	1.9
53-0000	Transportation and Material Moving Occupations	69,210	70,500	310	1,605	1,910	0.2

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replaces	Total	
53-1000	Supervisors, Transportation and Material Moving Workers	2,810	3,010	20	55	75	0.7
53-1011	Aircraft Cargo Handling Supervisors	10	10	0	0	0	-1.8
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Ma	1,280	1,460	20	25	45	1.4
53-1031	First-Line Supervisors/Managers of Transportation and Materi	1,520	1,540	0	30	35	0.1
53-2000	Air Transportation Workers	1,960	2,010	5	55	65	0.2
53-2011	Airline Pilots, Copilots, and Flight Engineers	1,290	1,280	0	40	40	0.0
53-2012	Commercial Pilots	100	160	5	5	10	5.3
53-3000	Motor Vehicle Operators	25,580	26,870	150	440	590	0.5
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical T	60	70	0	0	0	1.4
53-3021	Bus Drivers, Transit and Intercity	640	760	10	10	20	1.7
53-3022	Bus Drivers, School	2,120	2,600	50	30	75	2.1
53-3031	Driver/Sales Workers	1,760	1,700	0	30	30	-0.4
53-3032	Truck Drivers, Heavy and Tractor-Trailer	15,360	16,250	90	270	360	0.6
53-3033	Truck Drivers, Light or Delivery Services	4,920	4,760	0	85	85	-0.3
53-3041	Taxi Drivers and Chauffeurs	560	570	0	5	10	0.1
53-3099	Motor Vehicle Operators, All Other	170	170	0	5	5	0.2
53-4000	Rail Transportation Workers	660	680	5	25	30	0.3
53-4011	Locomotive Engineers	130	120	0	5	5	-0.5
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	60	70	0	0	0	0.6
53-4021	Railroad Brake, Signal, and Switch Operators	70	60	0	5	5	-2.6
53-4031	Railroad Conductors and Yardmasters	130	120	0	5	5	-0.5
53-5000	Water Transportation Workers	280	320	5	10	15	1.5
53-5011	Sailors and Marine Oilers	70	70	0	0	0	-0.2
53-5021	Captains, Mates, and Pilots of Water Vessels	150	180	5	5	5	1.9
53-6000	Other Transportation Workers	1,370	1,320	10	35	45	-0.4
53-6021	Parking Lot Attendants	440	320	0	10	10	-3.0
53-6031	Service Station Attendants	100	90	0	5	5	-1.6
53-6051	Transportation Inspectors	210	220	0	5	10	0.7
53-6099	Transportation Workers, All Other	580	650	5	10	20	1.1
53-7000	Material Moving Workers	36,540	36,290	115	985	1,100	-0.1
53-7021	Crane and Tower Operators	100	110	0	0	0	0.3
53-7031	Dredge Operators	10	10	0	0	0	1.1
53-7032	Excavating and Loading Machine and Dragline Operators	260	300	5	5	10	1.7

Table. Occupations in LWIA 13, Tennessee, 2006-2016

SOC	Occupation	Base 2006	Projec- tion 2016	Annual Openings Due To			Annual Percent Growth
				Growth	Replace- ments	Total	
53-7051	Industrial Truck and Tractor Operators	4,530	5,000	45	115	160	1.0
53-7061	Cleaners of Vehicles and Equipment	1,150	890	0	45	45	-2.5
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	21,190	21,790	60	680	740	0.3
53-7063	Machine Feeders and Offbearers	670	430	0	10	10	-4.4
53-7064	Packers and Packagers, Hand	4,330	3,890	0	55	55	-1.1
53-7072	Pump Operators, Except Wellhead Pumpers	30	40	0	0	0	2.5
53-7081	Refuse and Recyclable Material Collectors	330	350	0	10	10	0.3
53-7121	Tank Car, Truck, and Ship Loaders	20	10	0	0	0	-6.3
53-7199	Material Moving Workers, All Other	1,110	1,010	0	20	20	-0.9

Source: Tennessee Department of Labor and Workforce Development, Employment Security Division
Labor Market Information Section, 3/4/2009